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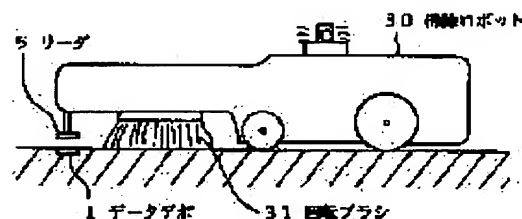
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(54) CONTROL DEVICE FOR MOBILE ROBOT

(57)Abstract:

PURPOSE: To prevent an accident from occurring by preventing surely a robot from moving outside an area to be moved.

CONSTITUTION: Multiple data depots 1 are buried along a boundary of a cleaning area on a platform of a railway station, and also boundary information of the cleaning area of a cleaning robot 30 is stored beforehand. The cleaning robot 30 is provided with a rotary brush 31 for cleaning and the operation of its steering wheel to move the robot forward, backward, and right and left sides can be controlled automatically. Also a reader 5 is provided on it so that it is passed closely to over the data depots 1. The cleaning robot 30 travels on the platform and makes cleaning by the rotary brush 31 and, after it reads the boundary information from the reader 5 by an electromagnetic induction system without contact, it moves backward or turns right or left to control it so that it does not move outside the boundary.



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